

Fig. 2. Recycler SS30HB section, the current state. The phase advances:
 $Q_x = 0.29$, $Q_y = 1.04$

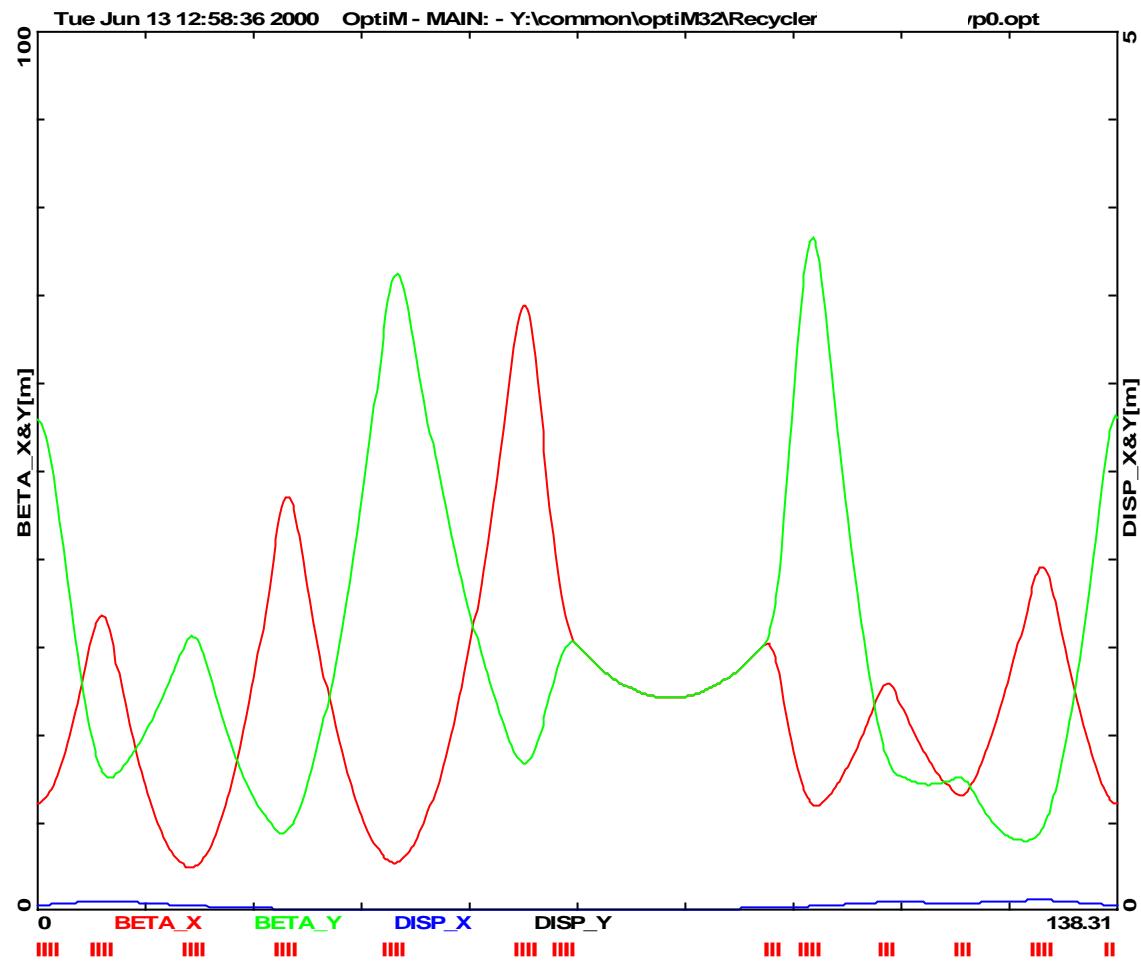


Fig. 3. Recycler SS30HB section, as proposed. Electron cooling interval of 20 m and the phase trombone are assumed. The quads are tuned to the same phase advance: $Q_x = 1.29$, $Q_y = 1.04$